

EXPECTED RESOURCE PERSON

Dr. Rajeev Misra

Professor and HOD
Department of CSE
NIIT Patna

Dr. S.K. Sinha

Associate Professor
Department of Physics
BIT Mesra Patna
Campus, Bihar

Prof. Maheshwari Prasad Singh

HoD & Professor
NIT Patna

Dr. Manibhusan

Principal Scientist
ICAR, Patna

Dr. Prabhat Kumar

Professor
NIT Patna Patna Bihar

Dr. Smita Pallavi

Assistant Professor
BIT Mesra Patna

Dr. Ratnesh Mishra

Assistant Professor
(Sr. Grade)
Department of CSE BIT
Mesra Patna Campus

Dr. N.K. Gupta

Assistant Professor
(Sr. Grade)
SHUATS, Prayagraj UP

Dr. Ajay Pathak

Principal Scientist NBFGR-
ICAR,
Lucknow, UP

Er. Abhay Kumar

Assistant Professor
Department of CSE
University Polytechnic BIT
Mesra Ranchi

Er. Ritika Antervedi

Director, IQAC
Ambika Ram Devi Degree College
Basti UP

ORGANIZING COMMITTEE

PATRON

Dr. Uday Bhan Professor

Regional Higher Education Officer,
Grokhpur, Uttar Pradesh.

Prof. Ashwani Kumar Mishra Professor

Regional Higher Education Officer,
Lucknow, Uttar Pradesh.

CHAIRMAN

Dr. Sudha Pathak Principal

Ambika Ram Devi Degree College, Basti
Uttar Pradesh.

COORDINATOR

Er. Ritika Antervedi Director, IQAC

Ambika Ram Devi Degree College, Basti
Uttar Pradesh.

CHIEF ADVISOR/ CO-COORDINATOR

Dr. Ratnesh Mishra Assistant Professor Sr. Grade

Department of Computer Science and
Engineering BIT Mesra Patna Campus,
Bihar.

ADVISOR

Dr. S.K. Sinha

Associate Professor

Department of Physics BIT
Mesra Patna Campus, Bihar.

MEMBER

Dr. Shalikram Verma

Mr. Rohit Kumar Pandey

Mr. Jaideep Anand Pandey

FACULTY DEVELOPMENT PROGRAM ON "Concept of Programming Language" JULY 23-27, 2025.



**ORGANIZED BY AMBIKA RAM DEVI
DEGREE COLLEGE, BASTI
UTTAR PRADESH - 272128
IN COLLABORATION WITH
E&ICT ACADEMY PHASE-II,
NIT PATNA**



Contact:

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TECHNICAL COMMITTEE

Dr. Brijesh Kumar
Dr. Pawan Kumar
Dr. Ajay Maurya

TECHNICAL COMMITTEE

Mr. Shiv Narayan Chaudhary
Mrs. Sona Jaiswal
Mrs. Rashmi Pandey

Venue: Hybrid Mode

OffLine: AMBIKA RAM
DEVI DEGREE COLLEGE,
BASTI UTTAR PRADESH

On-Line: Google Meet.

Registration Fees Rs. 500/-

(Inclusive of GST).

Scan QR for payment or, Online
Transfer: Account Name:

E AND ICT Academy
Account No.: 50380476798

IFSC: IDIB000B810

BANK NAME: Indian Bank/

Allahabad Bank

Branch: NIT Patna



REGISTER AT:

FDP Registration form Link

<https://forms.gle/fw5G8kyGpd721fiX9>

Mode of Delivery: Hybrid

Number of seats: 75

Last Date of Registration: 22, July-2025

Note: Accommodation and Dinner will be Chargeable during FDP

ABOUT
AMBIKA RAM DEVI DEGREE COLLEGE,
BASTI, UTTAR PRADESH - 272128

Ambika Ram Devi Degree College is a private institution located in Basti, Uttar Pradesh, established in 2012. It offers undergraduate (UG) programs, specifically Bachelor of Arts (BA) includes 11 subjects along with Computer Application, Bachelor of Education (B.Ed.), B.Sc(PCM), B.Sc(PCB), B.Sc(CS), LLB-3 years, D.Pharma(Allopathic) and DHP(Diploma in Homeopathic Pharmacy). The college has a total seat intake of 660 and provides its courses in full-time mode. The college also provides admission to its D.El.Ed(Diploma in Elementary Education) course approved by the NCTE. The Institute has 1 library facility with capacity of 2100 books and 11 Journals, Humanities & Social Sciences and Teaching & Education. Moreover, courses.

- To educate students at Undergraduate level to perform challenging roles in society.
- To provide excellent and development facilities to take up courses
- To develop effective teaching and learning skills potential of the faculty.
- To build national capabilities in technology, education and research in emerging areas
- To provide excellent teaching services to satisfy the requirements of the overall academic needs of society.
- To provide self employment among the students through skill development programs.
- To provide information through incubation programs.
- To assist in employment to the students.
- To provide educational environment for success.

TIMETABLE

Time	Activity
8:30AM-9:00AM	Registration
9:00AM-9:45AM	Inaugural Function
9:45AM-10:00AM	Tea Break
10:00AM-12:00PM	S1 (Theory)
12:00PM-12:15PM	Tea Break
12:15PM-2:15PM	S2 (Theory)
2:15PM-3:00PM	Lunch Break
3:00PM-5:00PM	S3 (Hands-On)
5:00PM-5:15PM	Tea Break
5:15PM-6:15PM	S4 (Hands-On)
23-27July 2025	Sessions (Daily)
27July 2025,6-7PM	Valedictory Function

About E&ICT Academy

Electronics and ICT Academy is an initiative of the Ministry of Electronics and Information Technology (MEIT), Govt. of India for conducting various faculty / Research Scholar Development Program. E&ICT Phase II is a program that aims to train Faculty members in India's higher education institutions.

Objectives

- Improve the quality off faculty members at colleges and institutes.
- Prepare educators to better serve the tech industry's evolving demands.
- Promote collaboration between industry and academia.
- Support national policy to make India a global hub for the ESDM Sector.

Activities

- Organize faculty training programs.
- Develop new faculty development programs(FDPs).
- Help faculty members develop skills for interdisciplinary research.
- Create inclusive learning environments.
- Help faculty members stay up-to-date with the latest developments in their fields .

This Faculty Development Program CPL-2025 is being organized with financial support and collaboration from E&ICT Academy NIT Patna.

Program Overview

FDP Program on “Concept of Programming Language”

Target Audience: From faculty from different Universities, Degree colleges, Engineering colleges, ITI/Diploma Colleges of the UP and Bihar and other states.

Syllabus Structure Presentation Modules(26 Hours Total):

Module I: **Foundational Computer Concepts**
Module II: **Introduction to Programming Languages**
Module III: **Core Programming Concepts**
Module IV: **Control Structures**
Module V: **Pedagogy\Object-Oriented Programming\ Applications and Technologies**

Hands-On Demonstration Modules (16 Hours Total):

Upon completion of this program, participants will be able to: Understand the Faculty and PhD, UG, PG Students will gain practical experience in: Number system, Hardware Configuration, Programming through coding exercises and projects. Software Installation and Configuration: Learning how to install and configure common software applications. Troubleshooting: Developing skills to identify and resolve common computer Hardware and software problems. Searching, browsing, and creating sending, receiving, email, Use of social Media: Digital Literacy, Use the Google meet, Use the Storing and Accessing from the Cloud. Programming exercises to implement data structures and algorithms using languages like C++.Algorithm Design and Analysis: Solving problems using different algorithmic techniques and analyzing their efficiency. Data Analysis Projects: Working with datasets, cleaning data, performing exploratory analysis, and building simple machine learning models. Case Studies: Analyzing real-world applications of data structures and algorithms.

Resource Persons:

The course content will be delivered from a pool of eminent resource persons on the subject from leading Institute (IIT-Patna, BIT-Ranchi, NIT-Patna, SHUATS-Prayagraj), ICAR PATNA, NBFGR-ICAR, Lucknow, University of Polytechnic BIT Mesra Ranchi.

Pedagogy:

PPT, slides hand out, online lecturing, and demonstration videos. An online test will be conducted at the end of the program. The MCQ based test will be conducted based on all the topics covered during the FDP. Moreover, some Programming Assignments may also be given by the experts related to labs Sessions.

Certification: E-certificate will be issued if the participants attend 70% class and participate in Assessment process of the FDP.

Target Audience The FDP is open to all Faculty, Industry Professionals and Research Scholar.